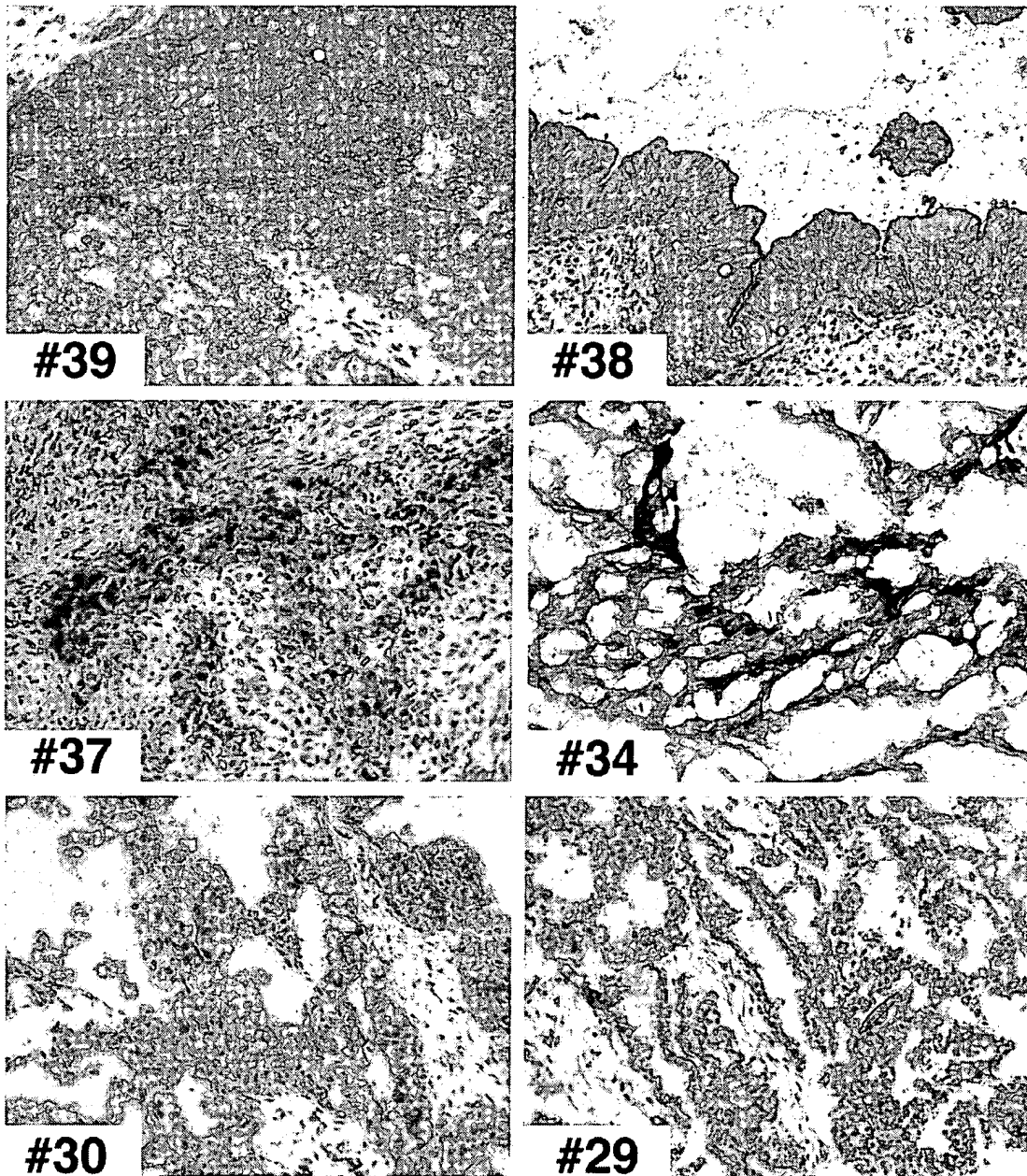


Figure 1



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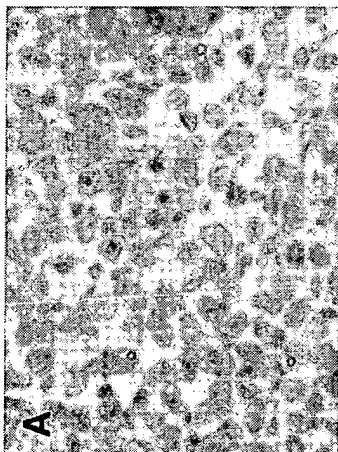
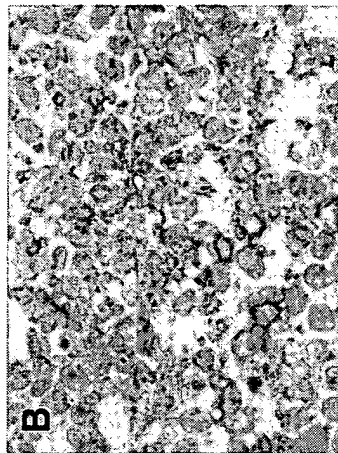
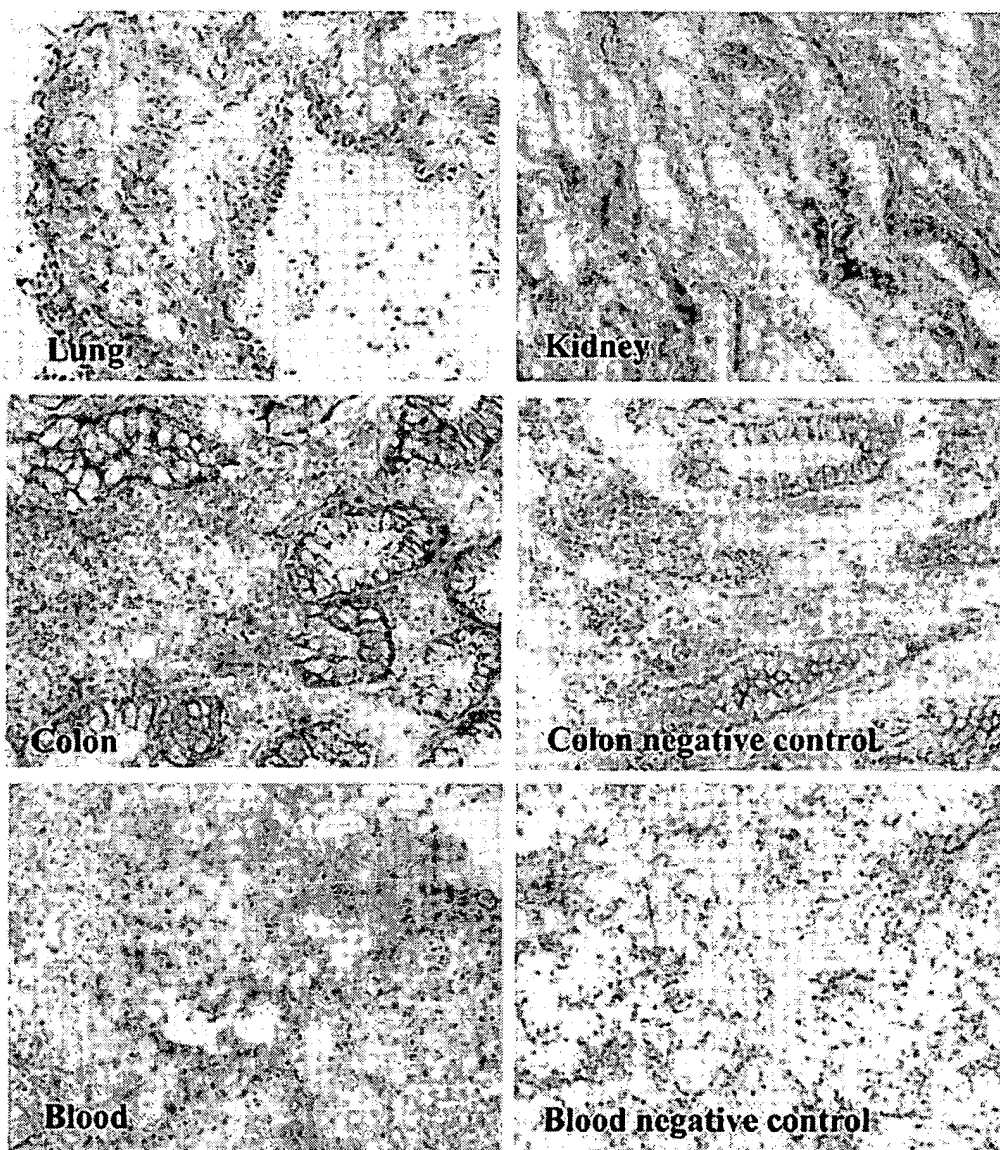


Figure 2

Figure 3



A. PIP Heavy chain variable region

gatgtgcagcttcaggagtcaggacctgacctgggtgaaaccttctcagtcagtttcactcacc
tgcactgtcactggctactccatcaccagtggttatggctggcactggatccggcagtttcca
ggaaataaactggaatggatgggctgcatacactacagtggttagcactaactacaacccatct
ctcaaaagtcgaatctctgtcactcgagacacatccaagaaccagttcttcctgcagttgaat
tctgtgactactgaggacacagccacatattactgtgcaagaagggaatatggtaactatgct
atggactactggggtcaaggaacctcagtcaccgtctcctcag

DVQLQESGPDLVKPSQSVSLTCTVTGYSITSGYGWHWIRQFPGNKLEWMGCIHYSGS
TNYNPSLKSRI SVTRDTSKNQFFLQLNSVTTEDTATYYCARREYGN YAMDYWGQGTS
VTVSS

B. PIP Heavy chain native signal sequence.

atgagagtgcctgattcttttgtgcctgttcacagcctttcctggatatcctgtct

MRVLILLCLFTA FPGILS

C. PIP Light chain variable region

gacattgtgatgacacagtctccatcctccctgagtgtgtcagcaggagagaaggctactatg
agctgcaagtccagtcagagtctgttaaactggaatcaaaagaactacttggcctggtag
cagcagaaaccagggcagcctcctaaactgttgatctacggggcatccactaggggaatctggg
gtccctgatcgcttcacaggcagtggtctggaaccgatttcactcttaccatcagcagtggtg
caggctgaagacctggcagtttattactgtcagaatgatcatagttatccattcacgttcggc
tcggggacaaagttggaattaaaac

DVQLQESGPDLVKPSQSVSLTCTVTGYSITSGYGWHWIRQFPGNKLEWMGCIHYSGS
TNYNPSLKSRI SVTRDTSKNQFFLQLNSVTTEDTATYYCARREYGN YAMDYWGQGTS
VTVSS

D. PIP Light chain native signal sequence

atggaatcacagactcaggctcctcatctccttgctgttctgggtatctggtacctgtggg

MESQTQVLISLLFWVSGTCG

FIGURE 4

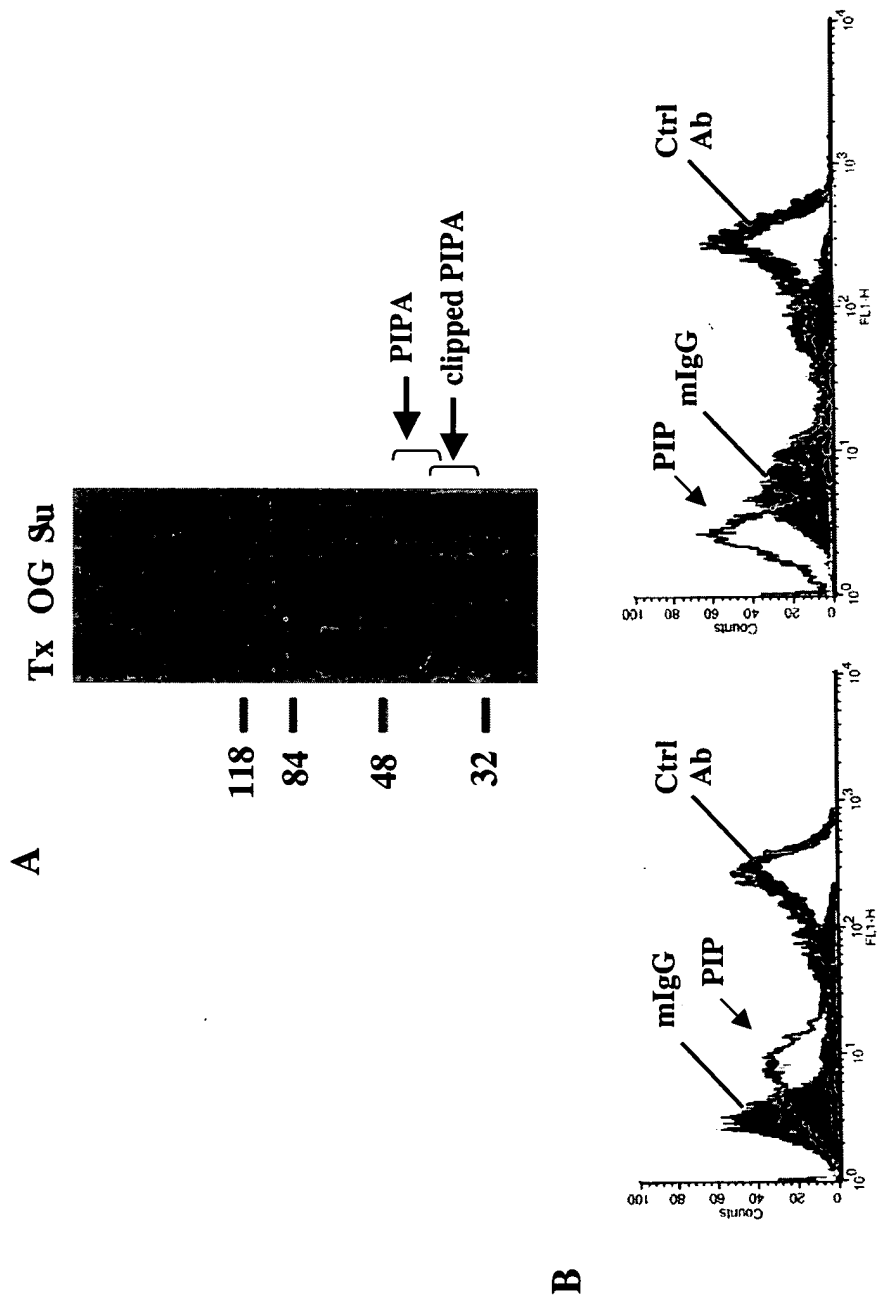


Figure 5

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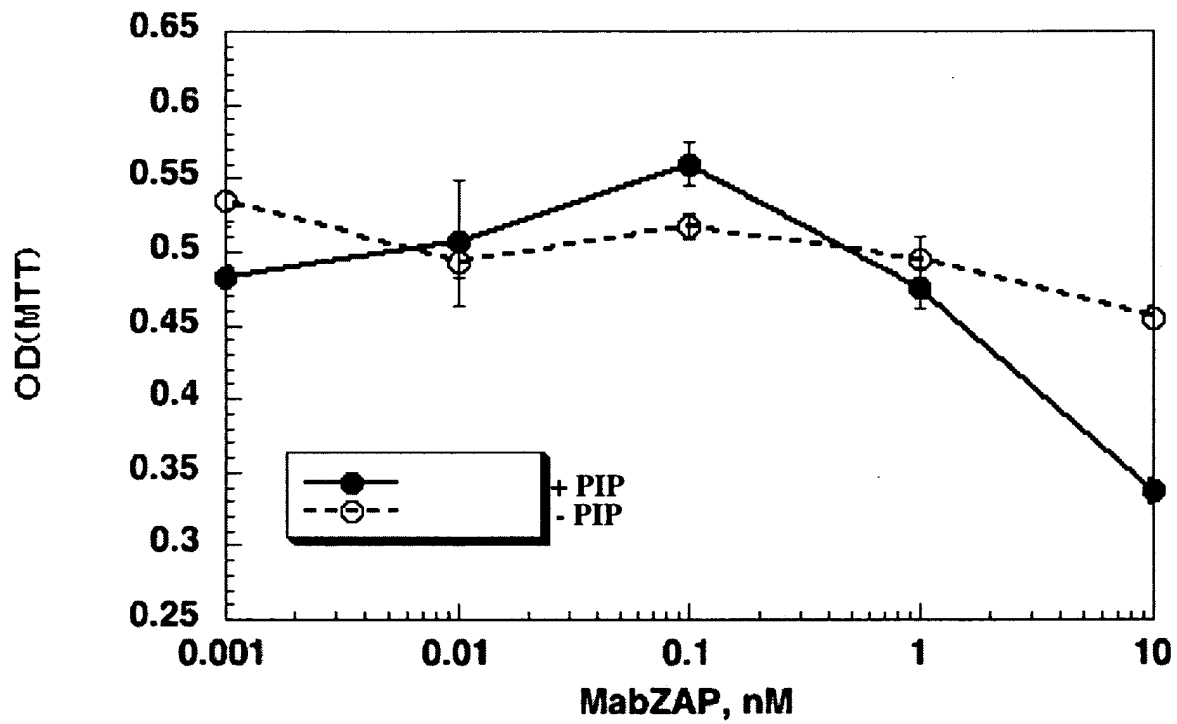


Figure 6